1. Initiator	LAST NAME FIRST	2. Type of Review	3. RID Number
Name	Lunceford, James M.	☐ General Document Review	00200-205
Organization	DE-CLC	☒ PDR, CDR, **ABR**, PPR (circle)	
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5a. Doc. Number	84K00200	6. Doc. Name	System Level Specification (SLS)
5a. Doc. Revision	Pre-Release 1		

6. Name of RID Team	SLS RID Review Team

7. Problem

2.1.1.1.6 specifies the orbiter MTU to UTC synchronization time requirements. This requirement should be placed on the PCM downlink gateway instead of the LDB gateway. The PCM downlink gateway has immediate access to the orbiter MTU time via the downlink data. In order to achieve the greatest accuracy, time delta calculations should be performed in the PCM gateway (as in the current CCMS).

8. Recommendation

Move this requirement to section 2.1.1.2

☐ Hardcopy of Redlines/Comments Attached

9. Impact if recommendation not implemented

The LDB gateway will most likely not be able to perform the time calculation with the required accuracy due to variable system latency for commands.

_____   _____
Initiator - Signature   Submission Date

10. Team Recommendation

☒ Accepted with Modification.
☐ Rejected
☐ Study
☐ Withdrawn
☐ Deferred to CLCS CCB Screening Panel
   Comments

See Attachment.

RID Team Manager - Signature _____

11. Action Required

☐ Update Document
☐ Study
☐ Other (specify) _____

Comments

12. Final RID Closure Action

☒ RID to be incorporated in next revision
☐ RID to be incorporated in other (specify)

RID Team Manager - Signature _____

13. Additional Comments/Notes

Due **NO LATER THAN** May 7, 1997

Response Attachment 200-205

The requirement will be moved to section 2.2.2.1 System Performance Requirements. In addition the requirement will be reworded as follows to match the OMRSD requirement for accuracy of synchronization of the MTU to UTC.

The RTPS shall provide the capability to synchronize Greenwich Mean Time (GMT) on board the Orbiter's Master Timing Unit (MTU) to Universal Time Coordinated (UTC) with an accuracy of less than or equal to one millisecond .